M.A.R.57 (Rule 116)
Measurement Book

BR-281/28/8/14.
No. B

251348

Improvements to Road and Drains at NR floor Mill Road & Surroundings in ward No-10.

Name of Agency: K.R.I.D.L

Name of work:

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8
Work Code No: 010-14-000034.						
Work order No: EE/BTP/KRIDL/W.O/471/2013-14. Date 21/02/2014.						
Agreement No: 471 Dated 21/2/2014.						
Address of Agency: #119, 11th cross Silvestha arched 3rd floor East park road, Malleshwaram Bangalore-560003.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Referen to last Measuren
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in hard soil involving an average horizontal furrow upto 2 mtrs and an average lift upto 0.5m, excavated surface levelled and sides neatly						
	6th Cross RIS AUR floor mill Road	1	30.20	4.50	0.15	= 20.39 cum	
	7th Cross LHS	1	30.00	$\frac{(4.6+4.50)}{2}$	0.10	= 13.65 cum	
		1	14.80	$\frac{(4.5+4.50)}{2}$	0.10	= 6.66 cum	
		1	30.00	$\frac{(5.50+5.30)}{2}$	0.15	= 24.30 cum	
		1	30.00	$\frac{(5.30+5.40)}{2}$	0.15	= 24.08 cum	
		1	20.70	$\frac{(5.4+5.30)}{2}$	0.15	= 11.66 cum	
					Total =	104.10 cum	
	@ Rs 90.71					Rs 9444.00	

Assistant Executive Engineer
Yelahanka Sub Division
BBMP, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251349

Name of Work .....
Measurement Book ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet cross RLs AVR floor	1	30.20	4.50	0.10	= 13.59 cum	CR Pads.
cross LHS	1	30.00	(4.6+4.50)/2	0.10	= 13.65 cum	
	1	14.80	(4.5+4.50)/2	0.10	= 6.66 cum	
backside	1	30.00	(5.5+5.30)/2	0.10	= 16.20 cum	
	1	30.00	(5.3+5.40)/2	0.10	= 16.05 cum	

Assistant Executive Engineer
Jayanagar Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	20.70	$\frac{(5.40+5.30)}{2}$	0.10	= 11.07 Cum	
						Total = 76.15 Cum	
		@ Rs	166.32				Rs 12665.00
3)	Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgs using gomm and down size graded granite metal, coarse aggregate) @ 0.85						
	8th Cross R/S AVR floor mill 7th Cross 2nd S	1	30.20	4.50	0.15	= 20.39 Cum	
		1	30.00	$\frac{(4.6+4.5)}{2}$	0.15	= 20.48 Cum	
		1	14.80	$\frac{(4.5+4.50)}{2}$	0.15	= 9.99 Cum	
		1	30.00	$\frac{(5.5+5.30)}{2}$	0.15	= 30.45 Cum	

Assistant Executive
Vidyaranyapura Sub
BBMP, Bangalor

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251350

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00 (5.3+5.40)/2		0.15 =	24.08 Cum	
		1	20.70 (5.40+5.30)/2		0.15 =	16.61 Cum	
					Total =	114.23 Cum	
		@ Rs 4290.84				Rs 490143.00	
	Providing and fixing 20mm thick compressible fibre board in expansion joint complete as per drawing & technical specifications	3	4.50		=	13.50 sqmt	
		5	4.50		=	22.50 sqmt	
		8	5.30		=	42.40 sqmt	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refer to l Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total =	78.40 cum	
		@ RS 137.16				RS 10753.00	
5)	providing and laying cement concrete using 20mm and down size gran fully of ready mixed concrete (RMC) for R.C.C work, Laid in 15cm thick layers and well compacted vibrating during 6th cross RLS AUR floor mill						
	7th cross LHS	1	30.20	4.50	0.15 =	20.39 cum	
		1	30.00	$\frac{(4.6+4.5)}{2}$	0.15 =	20.48 cum	
	Adarsh backside	1	14.80	$\frac{(4.5+4.50)}{2}$	0.15 =	9.99 cum	
		1	30.00	$\frac{(5.50+5.3)}{2}$	0.15 =	24.30 cum	
		1	30.00	$\frac{(5.3+5.40)}{2}$	0.15 =	24.08 cum	

Assistant Executive Engineer

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251351

Reference to last Measurement 8

From..... To.....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Particulars of work, etc. of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1	20.70	$\frac{(5.40+5.30)}{2}$	0.15 =	16.61 Cum	
				Total =	114.23 Cum	
	@ Rs		6464.88		Rs	738483.00
With vacuum pump and Steelfoam mat and compaction with floating disc including cost of generator						
	1	30.20	4.50	=	135.90 Sqm	
	1	30.00	$\frac{(4.80+4.50)}{2}$	=	136.50 Sqm	
	1	14.80	$\frac{(4.5+4.5)}{2}$	=	66.60 Sqm	

Executive Engineer
Division
Zone, B.B.M.P.
Bangalore - 560 002

Assistant Executive Engineer

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Apartment backside	1	30.00	$\frac{(5.5+5.30)}{2}$		= 162.00 Sqm	
		1	30.00	$\frac{(5.3+5.40)}{2}$		= 160.50 Sqm	
		1	20.70	$\frac{(5.4+5.30)}{2}$		= 110.75 Sqm	
					Total =	761.50 Sqm	
	@ Rs 91.80					Rs	69906.00
	7) Lead for Disposal of Debris shall be payable at carriage rate by Mechanical means including loading and unloading						
	Qty vide Item No-01					= 104.10 Cum	
	@ Rs 72.71					Rs	7569.00

Assistant Executive Engineer
Vidyaranyapura Sub Division
28/8/16

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251352

Name .....

Name of Work ..... From..... To.....

General Description of nature of Agency .....

Date of commencement of work .....

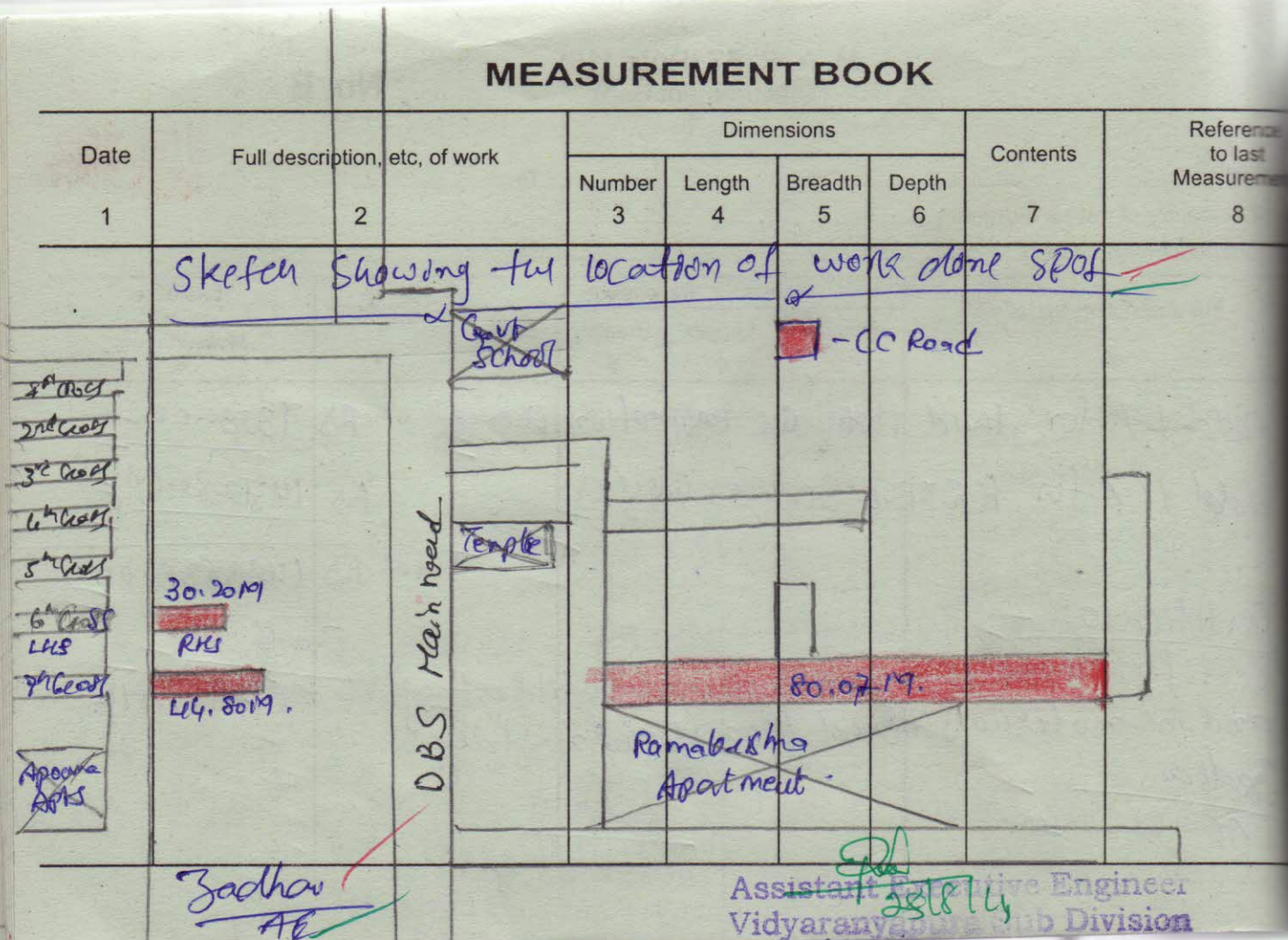
Brief description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
1% for third party QC inspection charges					RS	13390.00
11% for K.R.I.D.L Service charges					RS	147286.00
					Total RS	1499639.00
Certificate:- Certified that the above work done Satisfactory and materials issued from department only						Jadhav JE 28/8/2014.
						28/8/14

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Sketch showing the location of work done spot



Jadhav
AE

Assistant Executive Engineer
Vidyaranyapura Sub Division